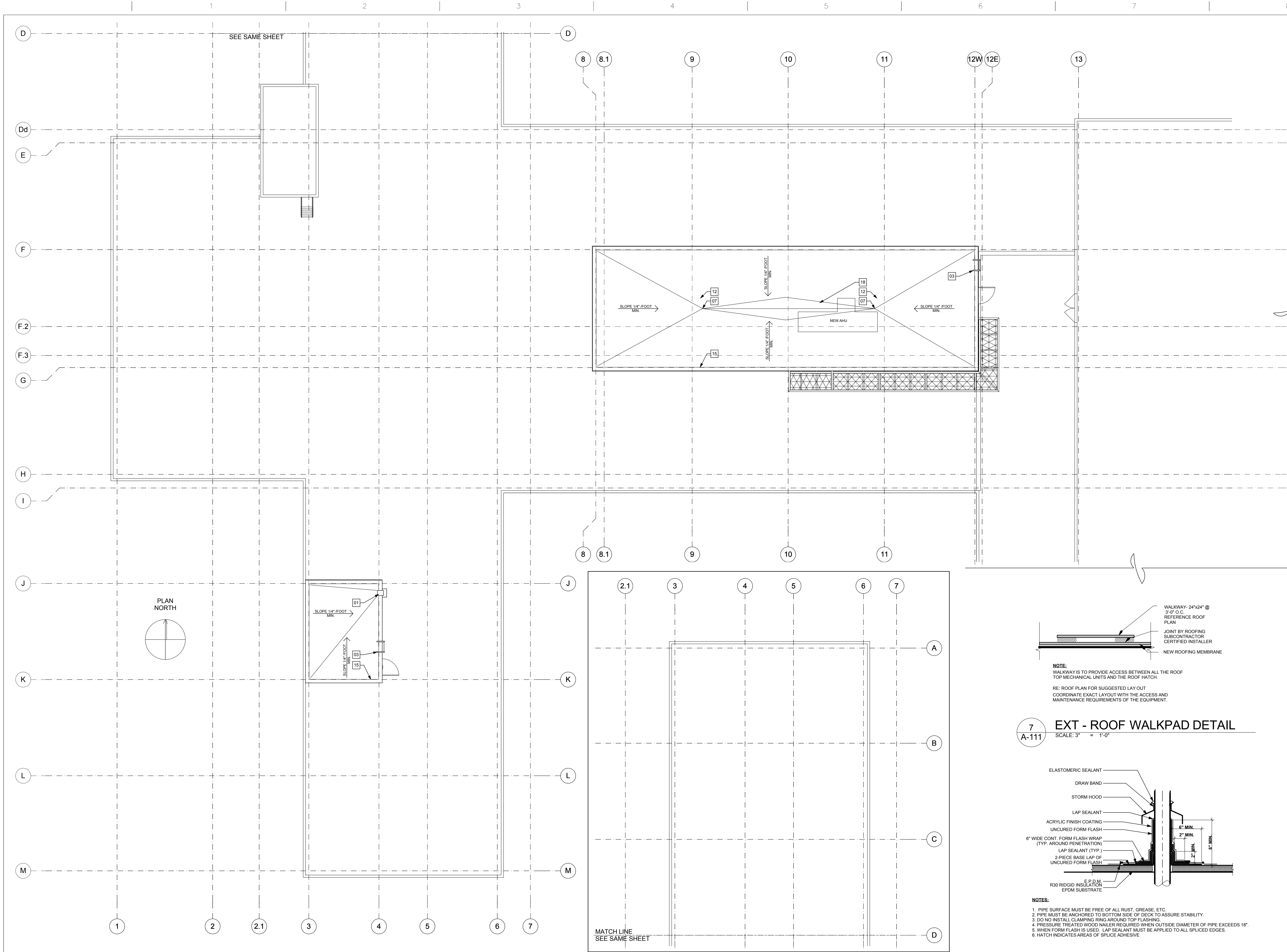


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



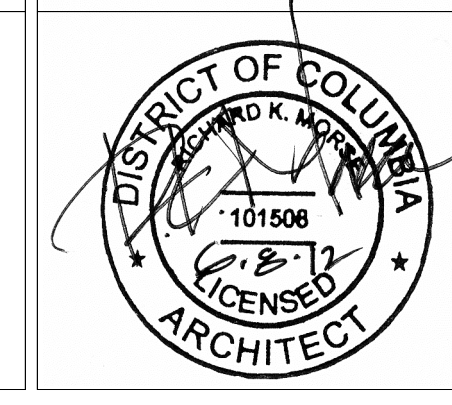
21
A-111
5E ROOF PLAN
SCALE: 1/8" = 1'-0"

CONSTRUCTION DOCUMENTS 100% SUBMITTAL- FOR BID	06/13/2012
CONSTRUCTION DOCUMENTS 100% SUBMITTAL	06/22/2011
CONSTRUCTION DOCUMENTS 95% SUBMITTAL	02/01/2011
DESIGN DEVELOPMENT 50% SUBMITTAL	06/21/2010
SCHEMATIC DESIGN 15% SUBMITTAL	05/03/2010
Revisions:	Date

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CA PROJECT 00938.02

Drawing Title
E-WING ROOF PLAN

Approved: Project Director

Project Title
**VA MEDICAL CENTER 4E
PATIENT WARD EXPANSION**

Location
WASHINGTON DC
Date
04/20/2010

Checked
RKM
Drawn
CMH/LRC/
ANP/ERQ/EAR

Project Number
688-336
Building Number
E

Drawing Number
A-111

FULLY SPRINKLERED

Office of
Facilities
Management



ROOF GENERAL NOTES- DEMO

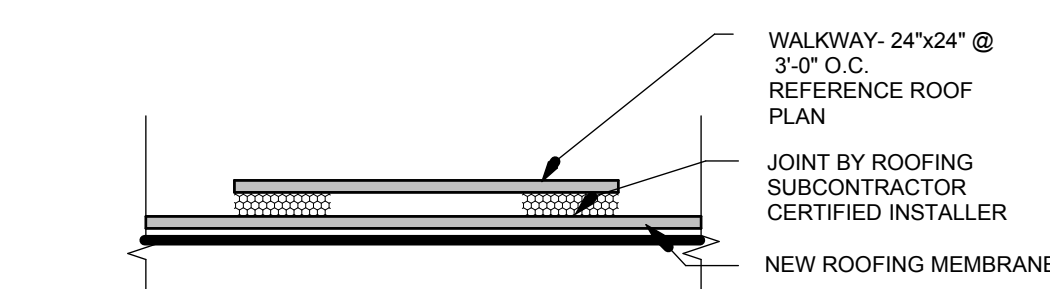
- REVIEW ROOF PLAN WITH VACOTR PRIOR TO START. VERIFY ALL MISCELLANEOUS EQUIPMENT TO BE DEMOLISHED NOT SHOWN ON PLAN.
- DEMO EXISTING ROOF TO STRUCTURAL DECK. PERIMETER ALUMINUM COPING DETAIL TO REMAIN.
- REFERENCE RECYCLING SPECIFICATION FOR ALL DEMOLISHED DEBRIS.

ROOF GENERAL NOTES

- ALL NEW ROOF COVERINGS SHALL BE APPROVED OR LISTED BY A NATIONALLY RECOGNIZED TESTING LAB FOR COMPLIANCE WITH UL STANDARD 790 AND SHALL BE CLASS B MINIMUM. ROOF DECK ASSEMBLIES SHALL BE FM CLASS I APPROVED, OR SHALL BE UL LISTED AS FIRE-CLASSIFIED (1-HR).
- ROOF SLOPE 1/4" PER FOOT TYPICAL.
- LOCATE ALL NEW OVERFLOW DRAINS 2'-0" UP SLOPE FROM ROOF DRAINS.
- CONTRACTOR TO PROTECT ROOF MEMBRANE AT ALL TIMES DURING CONSTRUCTION. ESPECIALLY DURING THE FABRICATION AND INSTALLATION OF THE AHU STEEL STRUCTURES.
- KEEP ROOF CLEAR OF ALL DEBRIS AT ALL TIMES.
- GENERAL CONTRACTOR IS RESPONSIBLE TO SLOPE ALL SURFACES FROM NEW INSTALLED ROOF COMPONENTS TO THE EXISTING DRAINS.
- THE ROOF CONTRACTOR IS RESPONSIBLE FOR SEALING AND FLASHING ALL PENETRATIONS, WHETHER INDICATED ON DRAWINGS OR NOT, ACCORDING TO THE ROOF MANUFACTURER WRITTEN INSTALLATION INSTRUCTIONS. (CONVENTIONALLY NOT ALL MISCELLANEOUS DEVICES/ PENETRATIONS ARE INDICATED ON PLANS)
- THE GENERAL CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-INSTALLATION CONFERENCE, ON SITE, WITH THE OWNER, ARCHITECT, AND ROOFING SUB-CONTRACTOR PRIOR TO THE START OF THE ROOFING INSTALLATION.
- PROVIDE AND INSTALL NEW LIGHTNING PROTECTION PER SPECIFICATIONS.

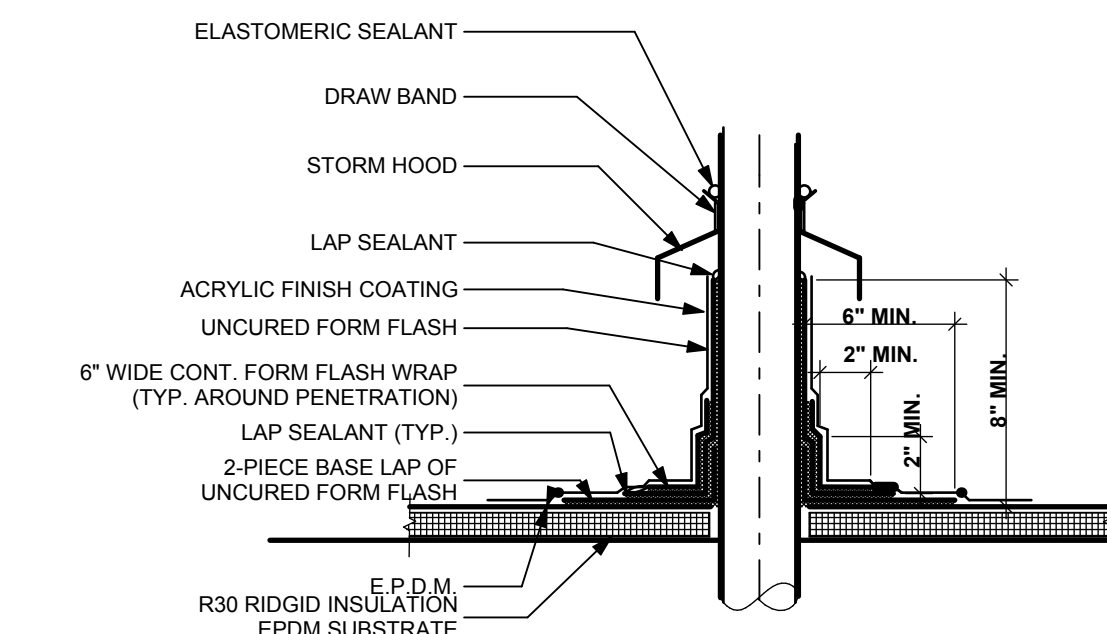
ROOF PLAN KEY NOTES

- ROOF SCUPPER TO COLLECTOR, DOWNSPOUT, AND SPLASH BLOCK
- NOT USED
- ROOF LADDER (BASIS OF DESIGN - ALACO MODEL 561)
- NOT USED
- NOT USED
- NOT USED
- NEW 4" ROOF DRAIN
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- NEW 4" OVERFLOW DRAIN - SEE DETAIL THIS SHEET
- NOT USED
- NOT USED
- PREFINISHED ALUMINUM COPING
- NOT USE
- NOT USED
- CRICKET - PROVIDE POSITIVE SLOPE TO DRAIN/ MATCH EXISTING INSULATION DRAINAGE PATTERN PROVIDE SHOP DRAWING FOR REVIEW



NOTE:
WALKWAY IS TO PROVIDE ACCESS BETWEEN ALL THE ROOF TOP MECHANICAL UNITS AND THE ROOF HATCH.
RE: ROOF PLAN FOR SUGGESTED LAY OUT
COORDINATE EXACT LAYOUT WITH THE ACCESS AND MAINTENANCE REQUIREMENTS OF THE EQUIPMENT.

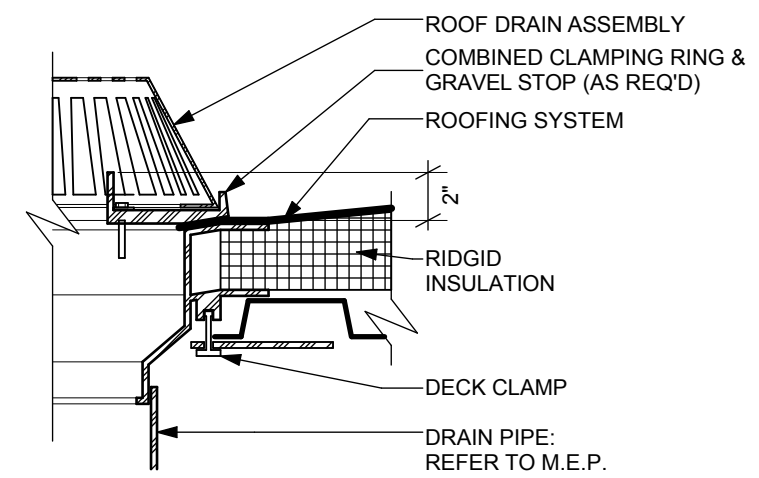
7
A-111
EXT - ROOF WALKPAD DETAIL
SCALE: 3" = 1'-0"



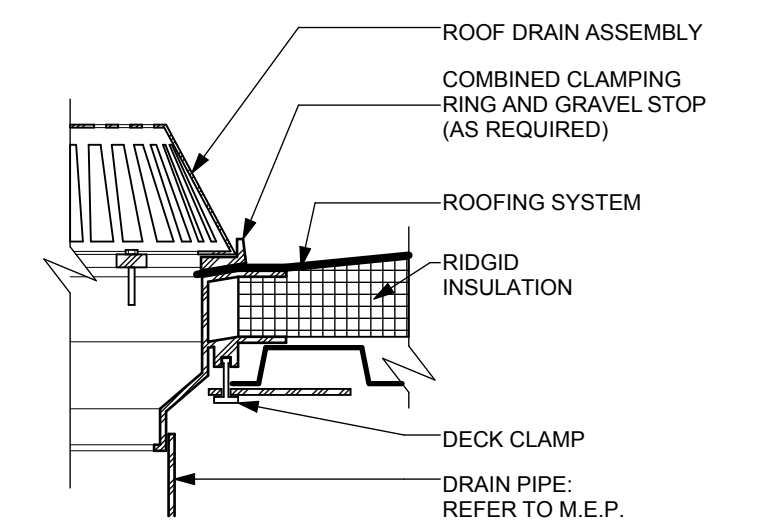
NOTES:

- PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, ETC.
- PIPE MUST BE ANCHORED TO BOTTOM SIDE OF DECK TO ASSURE STABILITY.
- DO NOT INSTALL CLAMPING RING AROUND TOP FLASHING.
- PRESSURE TREATED WOOD WALKER REQUIRED WHEN OUTSIDE DIAMETER OF PIPE EXCEEDS 18".
- WHEN FORM FLASH IS USED, LAP SEALANT MUST BE APPLIED TO ALL SPLICED EDGES.
- HATCH INDICATES AREAS OF SPLICE ADHESIVE

6
A-111
EXT - PIPE PENETRATION TYP.
SCALE: 1 1/2" = 1'-0"



2
A-111
EXT - OVERFLOW ROOF DRAIN
SCALE: 1 1/2" = 1'-0"



1
A-111
EXT - ROOF DRAIN
SCALE: 1 1/2" = 1'-0"